

Please note that the most recent, official version of the implementation matrix is kept, updated, and tracked by the Burlington Conservation Board.

		Lead Entity/ Org	Supporting Entities/Org		Metrics
THEME 01	FORESTS AND TREE CANOPY				
Strategy	Conservation of Existing Tree Canopy				
1.1	Update and implement the Urban Forestry Master Plan. The existing Plan was written in 2002, and the updated plan should be broadened to incorporate nature-based climate solutions and advocate for an inventory of specific trees by type and location. The updated plan should incorporate the City's Street Tree Plan, into a larger framework that includes intact forested areas, peripheral small open spaces, and private lands, both residential and commercial. The plan should acknowledge and plan for the impact climate change will have on existing species, and include a complete analysis of canopy cover and the identification of strategies and metrics for monitoring the health and increase in canopy cover over time. This plan should also include a carbon calculation of the amount of carbon being captured city- wide. This plan should include an analysis of overall tree canopy, where it can grow, where it is at risk, and identify strategies to protect it.				
1.2	Update the City's Tree Ordinance (Ch. 29 – Vegetation) to ensure it protects the existing canopy and requires the replacement of trees that are removed, when appropriate. The new ordinance language should also include a clear reference to climate change mitigation. Other ordinances should also be updated to include reference to this replacement requirement as it relates to tree clearing and landscaping standards.				
1.3	Prioritize the conservation of unprotected parcels with tree cover in the open space network to steadily increase tree canopy cover and accessible open space city-wide. This includes targeting the areas south of Main Street, riparian areas along the Winooski River, and the Appletree Point peninsula.				
1.4	Develop capacity at the city level to process wood of trees harvested for development purposes. Create process and protocol for determining if a tree that is cut can be used for community use in trail projects, park facilities, neighborhood initiatives, community gardens, or the McNeil Plant. This could include milling on site within the city.				
1.5	Pursue adaptive management strategies to address the threat of deer grazing of tree plantings and forest regeneration. Educate the public on this issue and the solutions needed.				